IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication node, comprising:

a first interface unit connected to a first network;

a second interface unit connected to a second network;

a processing unit configured to recognize one communication node on the first network as one of constituent elements [in] that constitute said communication node and to disclose an own configuration information regarding [recognized] what its constituent elements are to another communication node on the second network through the second interface unit such that said one communication node is recognized as a part of the communication node on the second network by said another communication node.

Claim 2 (Previously Presented): The communication node of claim 1, wherein the processing unit also discloses existing constituent elements in said one communication node on the first network as sub constituent elements in the constituent elements of said communication node.

Claim 3 (Currently Amended): The communication node of claim 1, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is

described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 4 (Previously Presented): The communication node of claim 1, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

Claim 5 (Previously Presented): The communication node of claim 1, wherein the processing unit also adds a new configuration information regarding constituent elements in a new communication node to the own configuration information regarding constituent elements in said communication node, when the new communication node is added on the first network and/or deletes an old configuration information regarding constituent elements in an old communication node from the own configuration information regarding constituent elements in said communication node, when the old communication node is deleted from the first network.

Claim 6 (Previously Presented): The communication node of claim 1, wherein the processing unit also notifies to said one communication node on the first network at least a part of the own configuration information regarding constituent elements in said communication node including constituent elements corresponding to said one communication node or constituent elements in said one communication node, and receives

from said one communication node at least a part of another configuration information

regarding constituent elements in one other communication node on the second network

including constituent elements corresponding to said one communication node or constituent

elements in said one communication node, that was notified from said one other

communication node to which said one communication node was connected up until then.

Claim 7 (Previously Presented): The communication node of claim 1, wherein the

processing unit also notifies to said one communication node on the first network a resource

information regarding communication resources on the second network that are exclusively

used for communications between said one communication node and one other

communication node on the second network to which said one communication node was

connected up until then, and receives from said one communication node the resource

information, that was notified from said one other communication node.

Claim 8 (Currently Amended): A communication node, comprising:

a first interface unit connected to a first network;

a second interface unit connected to a second network and

a processing unit having at least one of a function for disclosing a first configuration

information regarding constituent elements [in] that constitute one communication node on

the first network as an own configuration information regarding what its constituent elements

are [in said communication node,] to another communication node on the second network

through the second interface unit such that said one communication node is recognized as a

part of the communication node on the second network by said another communication node,

and a function for disclosing a second configuration information regarding constituent

elements [in] that constitute said another communication node on the second network as the

own configuration information regarding <u>what its</u> constituent elements <u>are</u> [in said

communication node,] to said one communication node on the first network through the first

interface unit <u>such that said another communication node is recognized as a part of the</u>

<u>communication node on the first network by said one communication node.</u>

Claim 9 (Previously Presented): The communication node of claim 8, wherein the

processing unit discloses the first configuration information by defining said one

communication node on the first network as one type of constituent elements of said

communication node.

Claim 10 (Previously Presented): The communication node of claim 8, further

comprising:

a configuration information correspondence memory unit for storing a

correspondence between the first configuration information disclosed to the second network

as constituent elements corresponding to said one communication node or constituent

elements existing in said one communication node, and actual configuration information

regarding said one communication node or constituent elements existing in said one

communication node;

wherein the processing unit also identifies a destination communication node on the

first network or a destination constituent element of the destination communication node on

the first network for a packet sent from the second network, by referring to the configuration

information correspondence memory unit according to identifiers of constituent elements in

said communication node which are disclosed by the processing unit and described in the

packet.

Claim 11 (Previously Presented): The communication node of claim 8, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 12 (Previously Presented): The communication node of claim 8, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

Claim 13 (Previously Presented): The communication node of claim 8, wherein the processing unit also adds a new configuration information regarding constituent elements in a new communication node to the own configuration information regarding constituent elements in said communication node, when the new communication node is added on the first network, and/or deletes an old configuration information regarding constituent elements in an old communication node from the own configuration information regarding constituent

elements in said communication node, when the old communication node is deleted from the

first network.

Claim 14 (Previously Presented): The communication node of claim 8, wherein the

processing unit also notifies to said one communication node on the first network at least a

part of the own configuration information regarding constituent elements in said

communication node including constituent elements corresponding to said one

communication node or constituent elements in said one communication node, and receives

from said one communication node at least a part of another configuration information

regarding constituent elements in one other communication node on the second network

including constituent elements corresponding to said one communication node or constituent

elements in said one communication node, that was notified from said one other

communication node to which said one communication node was connected up until then.

Claim 15 (Previously Presented): The communication node of claim 8, wherein the

processing unit also notifies to said one communication node on the first network a resource

information regarding communication resources on the second network that are exclusively

used for communications between said one communication node and one other

communication node on the second network to which said one communication node was

connected up until then, and receives from said one communication node the resource

information, that was notified from said one other communication node.

Claim 16 (Currently Amended): A communication node, comprising:

a first interface unit connected to a first network;

a second interface unit connected to a second network;

a processing unit configured to carry out packet input/output processing according to a protocol of the second network, and transfer data to be exchanged at an interface between the processing unit and an application executed on another communication node on the second network, through the first interface unit, on behalf of the application executed on said another communication node on the second network, so as to handle one communication node connected through the first interface unit as if said one communication node is connected to the second network.

Claim 17 (Previously Presented): The communication node of claim 16, wherein the processing unit also detects a first message identifier on the second network which is described in a packet received through the second interface unit, attaches a second message identifier on the first network to the packet at a time of transferring the packet to the first network, stores a correspondence between the first message identifier and the second message identifier into a correspondence table, and identifies a message identifier on the second network corresponding to one message identifier on the first network which is described in a packet sent from the first network, by referring to the correspondence stored by the correspondence table according to said one message identifier.

Claim 18 (Previously Presented): The communication node of claim 16, wherein the processing unit also has at least one of a function for reserving a network resource on the second network by using a first resource information regarding a network resource reserved on the first network, and a function for reserving a network resource on the first network by using a second resource information regarding a network resource reserved on the second network, and stores a correspondence between the first resource information and the second resource information into a correspondence table.

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Claim 19 (Currently Amended): A communication terminal, comprising:

an interface unit connected to a first network;

a processing unit configured to make a connection to a first communication node on

the first network through the interface unit, communicate with a second communication node

on a second network different from the first network, through the first communication node,

disclose functions in said communication terminal as Sub Units in an AV/C (Audio/Visual

Control) protocol executed on an IEEE 1394 bus such that functions in said communication

terminal are recognized as Sub Units on the IEEE 1394 bus, and receive at least a part of

information regarding Sub Units existing in the second communication node.

Claim 20 (Previously Presented): The communication terminal of claim 19, wherein

the processing unit also receives at least a part of a configuration information regarding

constituent elements existing in the first communication node including a constituent element

corresponding to said communication terminal, which is notified from the first

communication node in order for the first communication node to handle said communication

terminal as one of constituent elements existing in the first communication node, stores at

least a part of received configuration information into a memory, and notifies at least a part of

the configuration information stored in the memory to a third communication node on the

second network to which said communication terminal is newly connected.

Claim 21 (Previously Presented): The communication terminal of claim 19, wherein

the processing unit also receives a communication resource information regarding

communication resources on the second network which are exclusively used for

communications between said communication terminal and the second communication node,

which is notified from the first communication node, stores at least a part of received communication resource information into a memory, and notifies the communication resource information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.

Claim 22 (Currently Amended): A communication terminal, comprising:

an interface unit connected to a first network;

a processing unit configured to make a connection to a first communication node on the first network through the interface unit, and communicate with a second communication node on a second network different from the first network, through the first communication node; and

an application execution unit configured to execute an application on the second network which is to be executed in the second communication node, such that the communication terminal can communicate with the second communication node of the second network.

Claim 23 (Previously Presented): The communication terminal of claim 22, wherein the processing unit also receives at least a part of a configuration information regarding constituent elements existing in the first communication node including a constituent element corresponding to said communication terminal, which is notified from the first communication node in order for the first communication node to handle said communication terminal as one of constituent elements existing in the first communication node, stores at least a part of received configuration information into a memory, and notifies at least a part of the configuration information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.

Claim 24 (Previously Presented): The communication terminal of claim 22, wherein the processing unit also receives a communication resource information regarding communication resources on the second network which are exclusively used for communications between said communication terminal and the second communication node, which is notified from the first communication node, stores at least a part of received communication resource information into a memory, and notifies the communication resource information stored in the memory to a third communication node on the second network to which said communication terminal is newly connected.